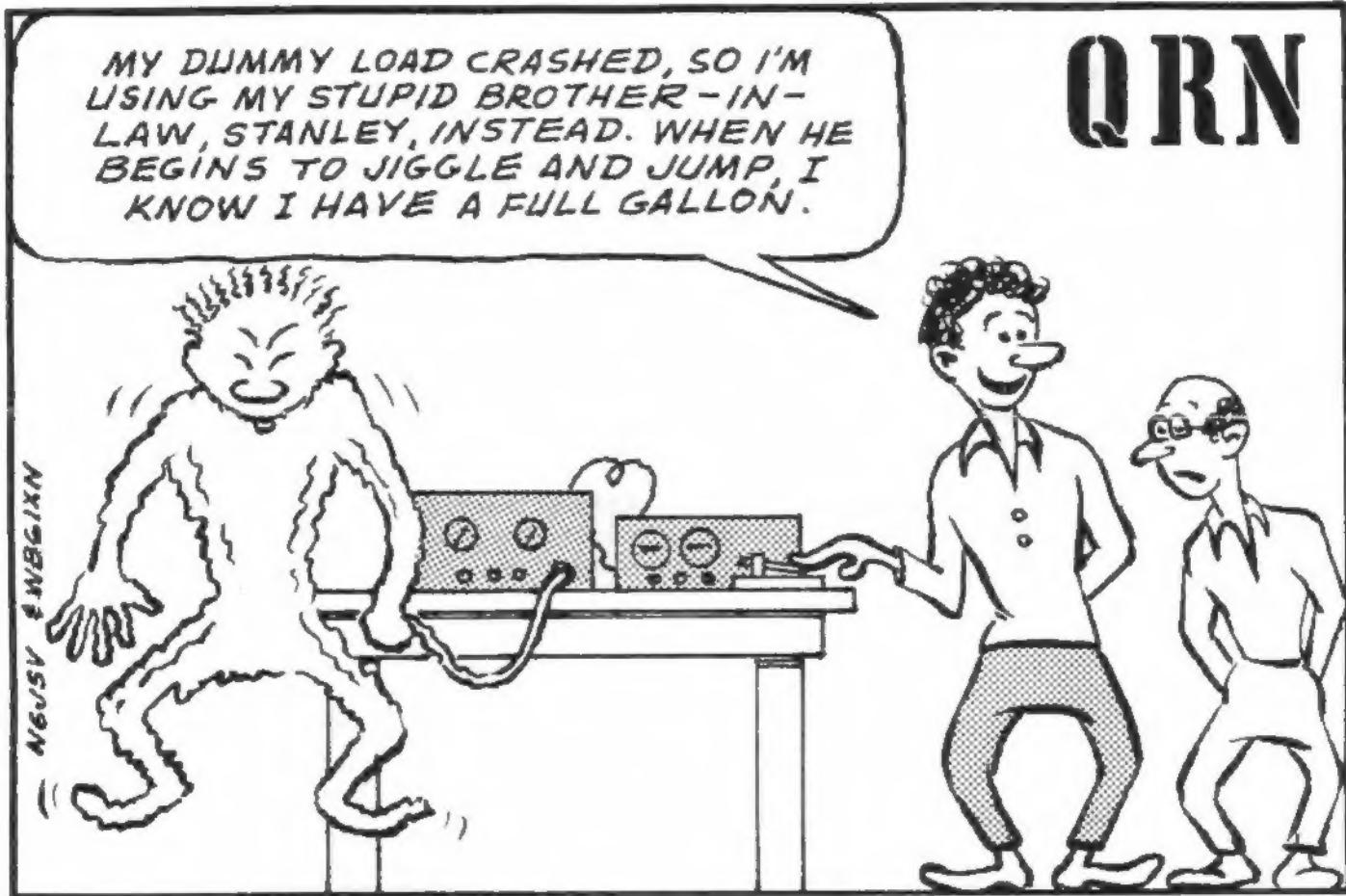


**R****F****ORANGE COUNTY AMATEUR RADIO CLUB**

VOL. XXVIII No. 9

P. O. Box 3454, TUSTIN, CA. 92681

SEPTEMBER 1987

***** WELCOME TO THE CLUB *****

Since Field Day, we have added to our ranks: (* former Club member)

Allen, Arden	KB6NAX	22721 Via Santiago, Mission Viejo 92691	830-7206
Fuschetti, A. J.	N6IAT	1400 Outrigger Dr., Corona Del Mar 92625	640-1207
Hall, Jay *	WA6MOK	13691 Harper St., Westminster 92683	891-6887
Hurlbut, Lucius (Lu)*	W1YZG	14281 Fernbrook Dr., Tustin, CA. 92680	832-8386
FLASH!!...Jim Morehouse is now KB6TTR & Rich Grigg is KB6TTQ! Congrats, OP's!!			
AND ...Mark Stanford & Rich Grigg have upgraded to Tech! FB, OM's!!			
FLASH!!...As we go to press, Mark Stanford gets his call: KB6TTP! FB, Mark!! Let's see all of U on the CW net at 21.175 MHz this Thurs. eve.!!			

1987 CLUB BOARD of DIRECTORS

President	Jim Talcott	N6JSV	838-5395
Vice President	Lloyd Harwood	WB6ULU	538-7081
Secretary	Jeanie Talcott	KB6EZS	838-5395
Treasurer	Ken Konechy	W6HHC	541-6295
Activities Chairman	Ron Toering	KB6EZP	971-5180
Membership Chairman	Bob Eckweiler	AF6C	639-5074
Public Relations	Mac MacInnes	W6MIL	594-0442
T.V.I. Chairman	Frank Smith	WA6VKZ	738-7142
Member at Large	Kei Yamachika	W6NGO	538-8942
Member at Large	<Past President holds another position>		

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor	Bob Evans	WB6IXN	543-9111
Teen Representative	<open>		

CLUB FUNCTIONS

MONTHLY MEETING:	3rd Friday of each month, 7:30PM at: MERCURY SAVINGS & LOAN 1095 Irvine Blvd. (4th St. becomes Irvine) Tustin, CA. <u>Talk-in on 146.55 MHz</u>
Sep 18th	
Oct 16th	
Nov 20th	(Take the 4th St. exit of the 55 FREEWAY and head ast. Continue about two blocks past Newport Blvd. It's on the left.)

CLUB BREAKFAST:	1st. Saturday of each month, 8:00AM at: LE GRAND CAFE 2525 N. Grand Avenue Santa Ana, CA. (714) 997-5393
Oct 3rd	
Nov 7th	(1-1/2 blocks south of the 22 Freeway)

CLUB NETS

BAND	MODE	DAY of WEEK	LOCAL TIME	FREQ MHz	OPERATOR
2 Meters	FM	Wednesday	2100 hrs.	146.550	W6HHC
15 Meters	SSB	Wednesday	2000 hrs.	21.375*	AF6C
15 Meters	CW	Thursday	2000 hrs.	21.175*	KB6NAX
(Listen for W6ZE, net control)				*Plus or minus QRM	

*** ON THE NETS ***

8/5 15m phone net - IXN arrives late on net, but checks in IVP; ULU; NG7D; LAB; NAX; & 1979 club member, Lou Hurlbut, K1YZG (formerly K9DOY & K3GPP); ATU & RE. IVP has an eye infection. And NG7D is building a Piper Cherokee 235 display model, & John checks his 430 on 6506.4 KHz...right on! LAB is looking for more FT-243 crystals for novice use, & ULU informs LAB that lowering freq. of crystals with lead pencil marks makes an unstable crystal! RE joins us from the CA Blood Bank net on 75m. Alex & XYL have been enjoying weekly concerts in park in Tustin on Wed. eves. RE informs us that Norwegian hams can use 15 to 52 MHz on an experimental non-interference basis. Ants. may be 20m high with 25 W power input, &, FCC states that operation of amateur gear (transmitters) beyond the amateur bands is a violation! (Tnx, Alex) ATU lived in N. CA. & is familiar with Condor net. NAX will propose 2 topics on upcoming 2m net for discussion...8/5 2m phone net - W6ZE/HHC checks in NAX, AF6C, BPX, ULU, JSV, RE, & DNR. HHC hears 'tic-tic-tic' on freq! Could it be AF6C's broken watch after repairs at 'Tic-Toc'?! AF6C gets new computer & runs into incompatibility prob. BPX updates us on his ripening tomato crop. And JSV informs the net abt the new 'babbling brook' in his back yard! Don't forget to ask 'Private' Talcott, EZS, abt the entire project! ULU mentions the hamfest to be held Sat., Aug. 15, sponsored by OCARO & TCARA, from 8 AM to 2 PM. RE plays 'Westlink' tape. IXN stops monitoring net to call YZG concerning Club history. 8/6 15m CW net - IXN has Church function but later checks in. LAB; K7ARJ, Wil, from Idaho Falls, ID; N6CTV, John, from GG; NAX have already checked in with W6ZE/LAB. All OP's hear ARJ, but CTV can't hear IXN. LAB asks abt NAX's tune-up procedure. Arden uses a freq. meter, & a 'Johnson Matchbox'. LAB uses an old navy strait key. IXN's power slips to 15W! Maybe that's why CTV can't hear him! CTV has a TenTec & Argosy rig operating at 50W. 8/12 15m phone net - W6ZE/IXN checks in ULU; YZG; NG7D; ATU; IMP/M (welcome bk, Chris); NAX; NGO; KA0YSB, Bryan, Kennett, MO.; XO; & RE. WOW, OM's... 11 check-ins! Right on!! ULU switches bet. dipole & beam ant. & asks for sig rpts. John & Arden record sig increases while Bob, Chris, & Kei see no difference in sig levels. XO acquires a miniature donkey & is busy preparing a harness for it. Bob's XYL has fully recovered & is back at work. RE rpts. in after he & XYL get back from the concert. RE informs group of ARRL Bull. #64, which states the League's opposition to removal of, & reasons for preservation of, the 220-222 MHz portion of the Amateur bands. RE suggests use of 225-400 MHz portion of the band, but IMP says that military aircraft, satellites, & FAA are already using portions of these freqs. NGO reports some activity on 15m at 2100Z today & then 73's to get ready for 2m. ATU checks in & quickly 73's. KA0YSB, Bryan, surprises the net with his check-in from Kennett, MO! And NAX will call IXN after 2m net (this freq) to discuss an 80m CW net. ULU reports on HAMCON meeting. & NG7D reports that former Club member, Lou Parker, KA6BJO, stopped by for a visit. IMP's 220 MHz rig is in the shop for update additions. And YZG patiently listens to all & he also records YSB's fade-away as the 'skip' changes. 8/12 2m phone net - W6ZE/HHC checks in IMP, BPX, NGO, JSV, RE, NAX, ULU, AF6C, & YZG. Nice group, guys! IMP thrill's the net with VK2FHG/6 call. Chris' Aussie call is good for about 8 or 9 mos. yet. Sir guys, can't log a 2m net call from Australia yet! JSV queries net abt Club participation in HAMCON. HHC will make land-line calls to aid JSV. HHC will also question RE abt security at past HAMCONs. NAX cleans a relay in the rig & is repairing a roller inductor. NAX queries net abt 2m operations procedures on simplex freqs. He informs the net abt the Two-meter Amateur Spectrum Management Assoc. (TASMA). Net members are shallow in their knowledge of this grp & its activities!! RE plays Westlink tape. BPX gets FB report from eye doctor today after 1 1/2 hr. wait! And Wyatt 73's early to go to bed. ULU comments on HAMCON meeting & NGO rpts big grp on 15m net. AF6C rpts on Perseid meteor shower which is coming to an end. And agn, YZG patiently listens to all! 8/13 15m CW net - W6ZE/IXN checks in LAB; NAX; ULU; N6CTV, John, in GG; WB6WQA, Tim, in Torrance; & PEQ, Dan. NAX's 2m friend, Tim, WQA, joins us & we hope he will be a regular

(Nets cont'd)- check-in. Everyone hears Tim but rpt weak sigs (529 at DXN's QTH). LAB works New Zealand just before net time. ULU checks in & out quickly. And CTV, John, in Garden Grove, joins us once agn. PEQ & NAX finally hear each other & continue a QSO after net! PEQ meets a new OP on 20m AMTOR & invites him to Club meeting. After writing many letters today, NAX would enjoy being ambidextrous in order to give one fist a rest! 8/19 15m phone net - W6ZE/IXN records 14 check-ins! Nice going, OP's!! Checking in were: IMP, ULU, ATU, VKZ (QRP), NGO, NAX, VQL, RE, COJ, LAB, XO, YZG, & NG7D. But suddenly Elvira's twin LED's light up & ULU's beam swings toward Australia to pull in VK2FHG! This was ULU's reward for his patience when Elvira caused his key to jump arnd on the shack desk during a CW session! But alas! VK2FHG/6 is our own IMP! ATU reads all members at a 5/7 average, & XO will ask for a dozen Marathon volunteers fer a horse show benefit competition, communications, ofcourse! XO will enter his donkey in a horse show in Ramona on Sun. VKZ hears Norfolk Isles, VK9ND, but can't work him QRP! NGO has eye surgery tomorrow (ur in our prayers, Kei). NAX is considering traffic handling, & NQL just finished re-carpeting the QTH & setting up his equipment. RE returns frm the Tustin band concert & also got his ICOM 245 back frm the factory. Alex reads ARRL bull. #65 which tells us not to use OSCAR 10 agn until Nov. 20. Satellite is at wrong attitude to sun & cannot charge its batteries! COJ was in Chicago..got bk yesterday, & LAB procured 'Uncle Bill's Code Course' for his Commodore 64, to sharpen his CW skills. IMP's HT is still in the shop having goddies added to it. YZG repts XO sigs weak at his shack, & NG7D informs us that net member, John, W6IVP, is now a silent key. IVP's name does not appear on any Club rosters. 8/19 2m net - W6ZE/AF6C checks in VKZ, IMP, NAX, ULU, BPX, RE, ATU, & NGO. ULU has a beam & inverted V ants. NAX questions legality of TASMA. RE plays interesting Westlink tape, & AF6C suggests freq. allocations fer repeaters operating simplex. 8/20 15m CW net - W6ZE/IXN checks in LAB, NAX, & RND. RND & XYL have late supper, but John listens & joins us later. LAB is still practicing CW wid 'Uncle Bill'! & NAX asks which club members have 80m capability. IXN, no; LAB & RND, yes. NAX will join Club Fri. & we will meet XYL, Mary at meeting too! RND operates thru a tuner (ant) connected to a 450 ohm ladder which feeds a dipole ant. NAX informs us that the CW traffic net meets on 3598 KHz. 8/26 15m phone net - W6ZE/IXN checks in NAX, PEQ, IMP, VQL, NG7D, NGO, YZG, RND, LAB, & RE...another gd check-in, OP's! NAX will bench the Galaxy fer realignment. PEQ didn't make last meeting..home was burglarized! IMP uses his TS-520 & ant. tuner to load a long wire in NONE's QTH as he goes 'end table mobile'! Chris claims no TVI! VQL attacks Tennessee Valley Indians at his shack..he uses resonant stub on TV ant, but finally removes TVI hiding place - the ant. tuner! & VQL gives NAX an S4 in Carbon Canyon. NG7D & parents win app. \$11,000 on Quality Shoppers channel, Grp W Cable give-away!! Wanna bet there's a new 220 MHz rig in NG7D's future!? NGO's eye surgery is a success as Kei peers thru his foggy new 'windows'! & YZG will rpt on 2m net fer 1st time wid a 19 in. wire ant. RND rpts. that PEQ has loudest sigs tonite, & John will build a 2 element yagi fer 15m. COJ has collared LAB to work on his disabled 2m amp. RE reads NGO an SØ although he reads Kei. Former Club member, K6COE, Bob Hill, calls RE. He talked wid OCARC old timer W6BAM, Shelley Trotter, 1764 Vasquez Dr., Firebaugh, CA. 93622 fer 2 1/2 hrs., on 7050 KHz before noon! RND also worked BAM last Apr. IMP rpts. Grenada sigs. on 12m at 24.960 MHz. 8/26 2m net - W6ZE/HHC checks in IMP, YZG, AF6C, BPX, NGO, RE, NAX, & JSV. HHC & JSV comment on recent meeting wid HAMCON committee & tour of convention site. RE gives net some 2m allocated simplex freqs. & he plays 'Westlink tape. YZG rpts. into net fer 1st time & is welcomed by the group! & HHC has a new 2m 1/2 wave ant! BPX asks fer Roger Denny's phone #. IXN calls BPX on 'twisted pair' & gives BPX old #: 894-0416. Roger still at same adr. Hm! Is 2m net now the 'Tustin' net?! IMP, YZG, RE, & JSV all live in Tustin! QST! KØOV's novice/tech class begins Sept. 11 to Nov. 20. Interested candidates shud call Joe Moell at 879-6895 fer details. Classes are on Fri., 7-10 pm. Upgrade exams will be held on Nov. 21, at St. Jude's Hosp. (Tnx, JSV).

*** 15m CW NET GAINS NEW NET CONTROL ***

Arden Allen, KB6NAX, Mission Viejo, has accepted net control fer the 15m CW net which meets on Thurs. eves. at 8:00 pm local. And guess what, OP's! NAX changed the check-in procedure & we had a ball! After Arden's QNI, you simply send a letter. Ex: WB6IXN sends 'X', IMP sends 'I', ULU sends 'L'....you choose! NAX then asks the 'X', etc., to check in. You guessed it! All OP's are trying to guess who the 'letter' is before they check in!! On 8/27, NCS, W6ZE/NAX checked in ULU, LAB, IMP, RND, & IXN. IXN tried to check in wid Ø watts!.. fergot to press the VOX button on the 757 fer semi-QSK. NAX asks net members who has QSK? It appears that IXN & RND are the only OP's wid full QSK, altho. Ed. is sure that ULU has full QSK on that new rig! At IMP's request, we all QRS. IMP taught code aboard ship in the Pacific, & he is coming bk up to speed on the net. Remember, OP's, NAX will QRS the net fer you, so don't be afraid to reach out, press that key, & join us in the CW fun! RND will move his 'Butternut' ant. frm the camper to the QTH roof. And NAX promises new surprises on the net. ULU is going bk to school agn. & after IXN's cockpit error, Arden informed us that the net will be informal CW operation wid practice as a main goal. So look over ur 'Q' sigs as NAX will be introducing more of them further dwn the log. What's this?! A QNC frm net!...New mysteries unfold on the CW net! Oh! You can't join us in the fun?....Then drool!!



Field Day

1. Field Day Call Used W6ZE2. Club or group name ORANGE COUNTY A.R.C. 12. Total QSO points 958 X DC input multiplier3. Field Day location CENTENNIAL PARK, SANTA ANA, CA.

less than 200 W, X2

5. Indicate the number of people participating in this operation. 30equals Claimed Score (less bonus points) 1916

8. Power source

 Generator9. Call sign of Novice/Technician station N6JSV (class 2A and above)

13. Bonus points

 100% Emergency power Publicity Natural Power SOLAR Other PACKET RADIO11. Total cw QSOs 28 x 2 = 56signature/call of club president trusteeTotal phone QSOs 902 x 1 = 902Date 7-25-87 SignedTotal QSO points 958

R. W. Eckweiler, AF6C

the COTO CLASSIC DRIVING EVENT October 17 & 18 1987

Proceeds from the 1987 COTO CLASSIC will go to the American Riding Club for the Handicapped (A.R.C.H.). This non-profit organization has been providing a therapeutic program for the disabled using horses since 1975. Your tax deductible support of the COTO CLASSIC will promote the growing sport of Combined Driving and will benefit this worthwhile organization.

A variety of sponsorship packages and advertising is available.

We need OP's fer communications!! Please contact Bob Tegel, KD6XO, at (714) 531-0926!
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*** MINUTES OF AUG. 21 CLUB MEETING ***

The meeting was called to order at 7:35 pm by Pres. JSV, followed by the Flag Salute. All Board members were in attendance but Kei, NGO, & Mac, MIL. Minutes of June meeting & July Board meeting were read by Secy. Jeanie, EZS, and approved by the members. Our guest speaker, Joe Moell, K6OV, was introduced & he presented a very informative program, combining slides & remarks, about transmitter hunting. Joe then introduced 12 members of the 6-Meter Club who were in attendance. HHC gave the Treasurer's report. And JSV announced that all Club members are invited to participate in the operation of the Radio Club Booth at the LA County Fair, Pomona, CA., Sept. 17 - Oct. 4. Contact Ken at 983-1272...Corky Corcoran, VEC, Orange County, encouraged hams to become involved in the 'Adopt-a-school' program for earthquake disaster, etc...Dave Gutierrez, involved with RACES/ARES, spoke to us concerning an earthquake drill to be held in So. CA. area Oct. 14, 15, & 16, called 'Response '87'. He urged all hams to participate...Chris, IMP, was congratulated on returning home with an Australian call good for one year!...Joe, K6OV, announced that the Fullerton ARC & the Hughes Fullerton Club have combined their efforts to offer a free novice class. Handouts were available for interested persons..(see this 'RF' 'On The Nets' for details)...Recent OCARC novice grads. Rich Grigg & Jim Morehouse were introduced at meeting...JSV presented Ron, EZP, & Bob, IXN, with certificates of appreciation for teaching the Novice class...Bob Tegel, KD6XO, spoke of the needs of hams for communications at a benefit sponsored by the 'Carriage Club'. (see this 'RF') The Club program for Sept. will be on 'Static Electricity', to be presented by Dave Gutierrez...Meeting adjourned at 9:50 pm.....Respectfully submitted, Jeanie Talcott, EZS, Secretary.

*** MINUTES OF SEPT. 5 BOARD MEETING ***

The meeting was called to order at the Le Grand Restaurant at 9:10 am by Pres. JSV. Present were: JSV, HHC, EZP, AF6C, NGO, & EZS. JSV asked for a nominating committee for Club officers for 1988. Bob, AF6C, will chair the nominating committee. Proposed slate of officers for 1988 will be published in Nov. 'RF'. JSV needs an auctioneer for the Club Auction to be held Oct. 16. JSV will ask VKZ to accept the position of auctioneer...JSV will make fliers for the auction & EZP will distribute them to points of interest...JSV mentioned the need of a VCR & monitor for Sept. meeting. John, LAB, will provide a 25" monitor & EZP will check his VCR for proper operation for Sept. meeting...EZP, JSV, & HHC attended the HAMCON '88 meeting at Disneyland Hotel, Aug. 24. HHC & JSV composed a letter describing a tentative security plan. Copies of the letter were distributed to Board members for discussion & suggestions. HHC highlighted the plan for the Board. The letter has been submitted to the HAMCON'88 committee chairman for study...EZP suggested 220 MHz HT's for communications at the Convention...Next HAMCON meeting will be Sept. 14 at Disneyland Hotel. JSV announced that HHC will be Chairman of the Security Committee for OCARC for the HAMCON '88 Convention...Meeting adjourned at 9:45 am....Respectfully submitted, Jeanie Talcott, EZS, Secretary.

*** PROGRAM FOR SEPT. MEETING ***

Come listen to Dave Gutierrez, WA6PMX, describe the nature of these 'wily bundles of high voltage electrons' just waiting to create havoc in your shack! Who knows? Wait for a windy day & you, too, can give your friend 'antenna shock' when the OP least expects it! Dave will tell you how to thwart this 'HV fiend' in your shack with his presentation on 'Static Electricity' at meeting on Sept. 16. Save the lives of your computer disks & programs! See you at meeting!

THE AMERICAN RADIO RELAY LEAGUE, INC.

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U.S.A. 06111

TO: ALL ARRL-AFFILIATED CLUBS

FROM: ARRL CLUB SERVICES DEPARTMENT

DATE: MAY 1, 1987

RE: AMATEUR RADIO FOR THE BICENTENNIAL OF THE U.S. CONSTITUTION

QST
OFFICIAL JOURNAL

League HQ will be sponsoring a celebration of the Bicentennial of the U.S. Constitution by offering a special "We the People" W.A.S. award for operators contacting stations using the Bicentennial prefix. Club sponsored special event stations will have a different prefix than independent stations operating in the event. The enclosed calendar for special event stations will let you plan what time frame your state will be eligible to put the Bicentennial prefix on-the-air. Each state will have one week--as close as possible to the date of entry into the Union. ARRL-affiliated clubs are required to register their special event callsigns with League HQ so we'll know what clubs plan to put a special event station on-the-air. A club special event registration form is enclosed with this Bicentennial package.

Operating a special event station is only one aspect of the celebration. Your club might also want to send a message through NTS signifying that all club members have read and ratified the Constitution. You could use a special ARRL-message number like "200." Pocket-sized Constitutions (up to 50) and a 1987 calendar are free upon request from the Commission on the Bicentennial of the United States Constitution.

The celebration will kickoff on September 17, 1987 (date Constitution was approved by state delegates) with two special event stations in Philadelphia and Washington D.C. The special event activity will last until December 31, 1988, so you'll have to be on your toes to work a special event station in all 50 states. Check September QST for full details.

73.

Lee Hayford, AH2W

Club Services Department

SWAP NETS

SUNDAY 7:00 pm	
147.075	Ftn. Val. RPT Assoc.
MONDAY 8:00 pm	
147.090	Catalina RPT Assoc.
TUESDAY 7:00 pm	
145.240	Arrowhead RPT Group
THURSDAY 7:30 pm	
147.435	Mt. Wilson RPT Assoc.
SAT & SUN. 1 - 4 pm	
7.2650	40 meter Swap Net

(Tnx, Inland Empire ARC Newsletter)

*** Silent Key, IVP's, Gear For Sale ***

Kenwood TS-830 S wid YK-88C 500 Hz IF filter & YK-455 C for variable
SP-230 ext. speaker & built-in filters band tuning
Kenwood MC-50 mike, 9 band 160 thru 10m & WARC bands &
extra set of 6146 B tubes....all for \$700 (excellent condx)!

Kenwood TS-520 S, 160 thru 10m, ex. condx., \$260.

Kenwood TR-7800, 2m FM Transceiver, synthesized, wid pwr cord, Astron
pwr supply...\$150!

Collins 30L-1 lin. amplifier, 80 thru 10m, full gallon, 811 finals, wid
extra set of 811A tubes...\$600!

Hygain TH5-DX Thunderbird beam, 20-15-10m, HAM 4 rotor & control box,
also a 5 element 2m beam mounted on top...best offer.

Heathkit HD-15 phone patch - \$15.00

30' to 50' crank-up tower (must be dismantled)...best offer.

Miscellaneous test gear & homebrew projects...best offer.

Sears generator, 900W, 115v @ 7.8A - \$20.00!

Contact: Mrs. Anderson at 775-5316 Residence: 630 S. Deming, Santa
Ana.

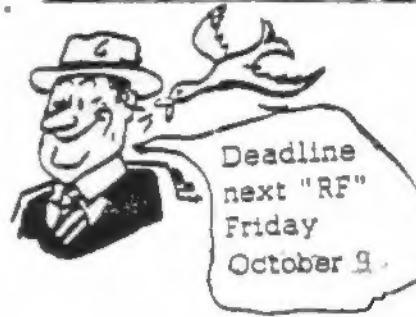


C. HOELZLE ASSOCIATES, INC.

Dan Danknick
Retail Sales
Division Manager

CHA ELECTRONIX OUTLET

1300 (D) East Edinger Avenue
Santa Ana California 92705
(714) 541-0522



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ORANGE COUNTY AMATEUR RADIO CLUB

P. O. BOX 3454

TUSTIN, CA. 92681

FIRST CLASS!